

FIG. 1A

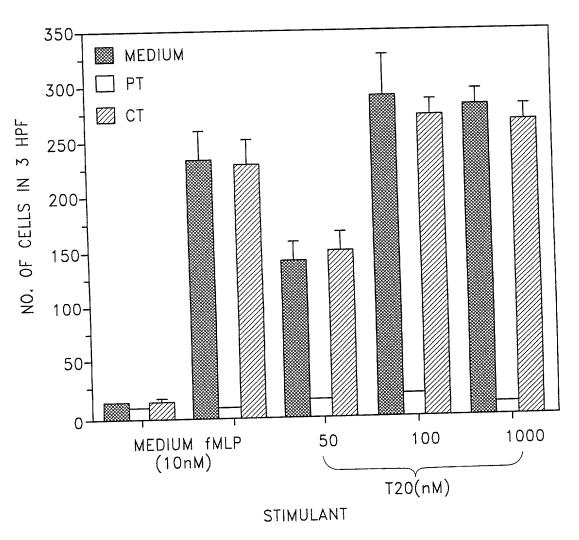


FIG. 1B

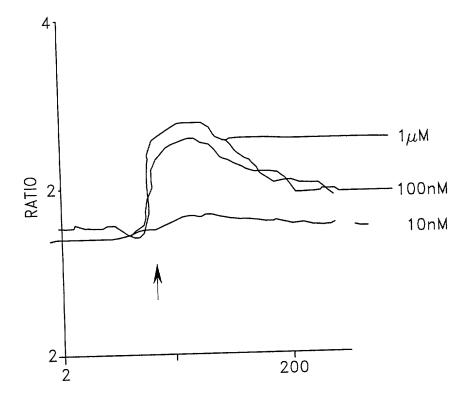


FIG.2A

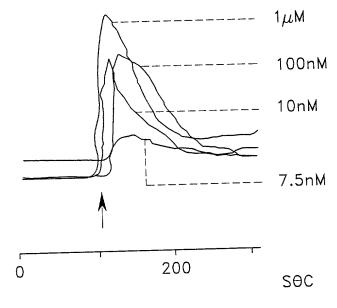
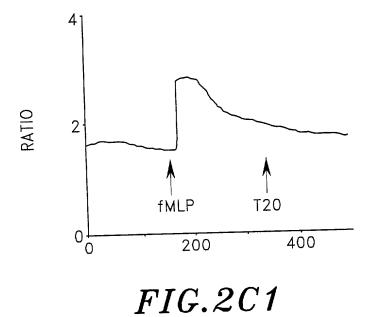


FIG.2B



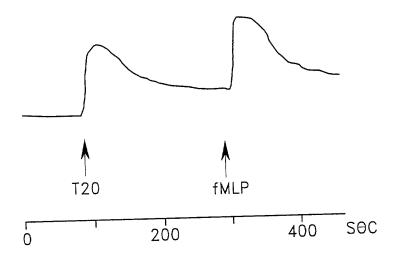


FIG.2C2

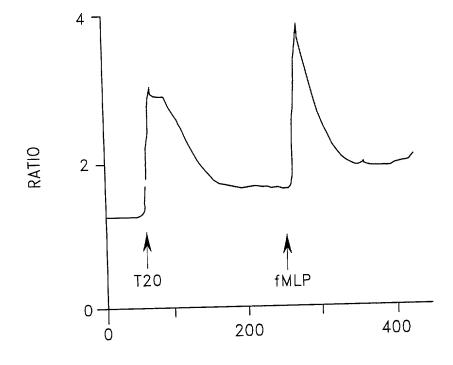


FIG.2C3

and the state of t

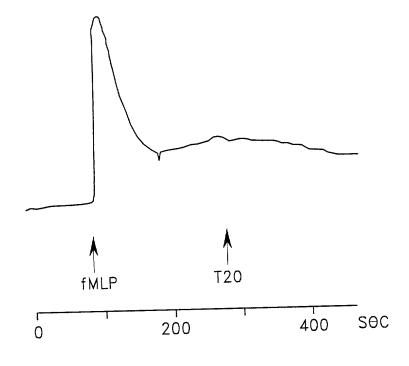


FIG.2C4

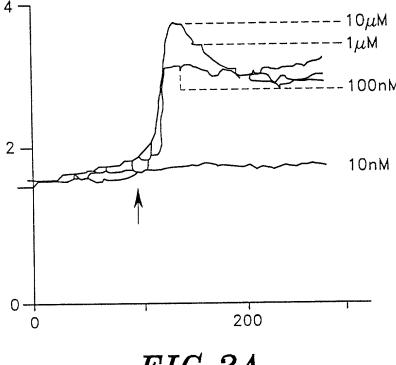


FIG.3A

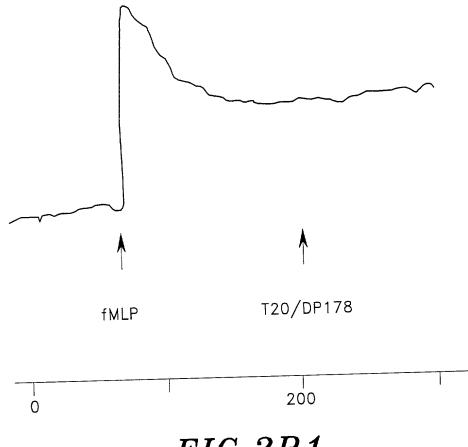
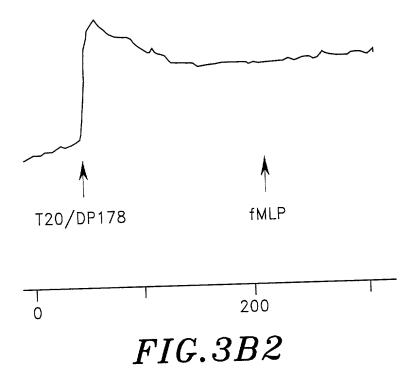


FIG. 3B1



and the state of t

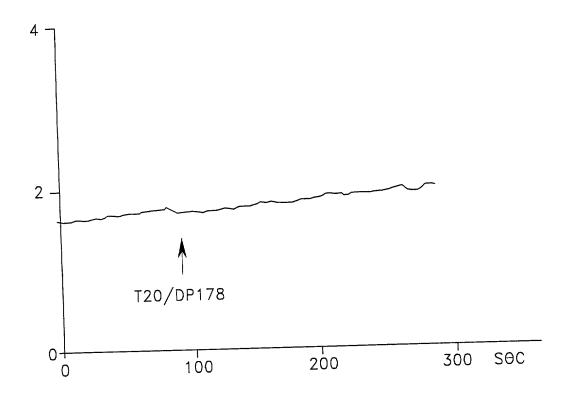


FIG.3C

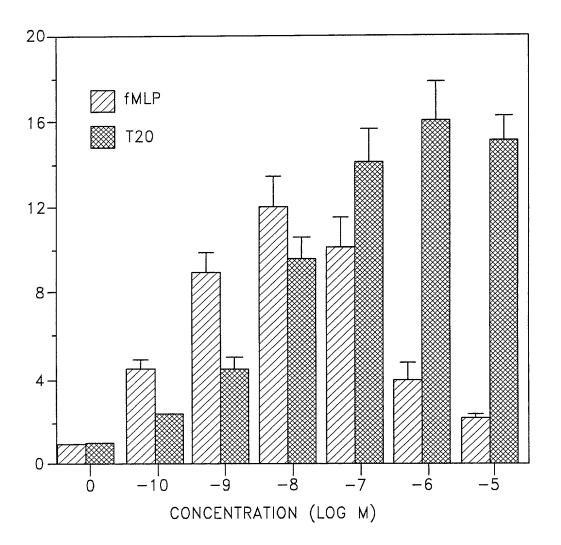
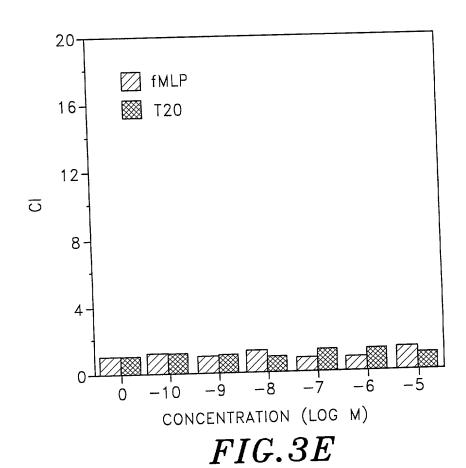


FIG.3D



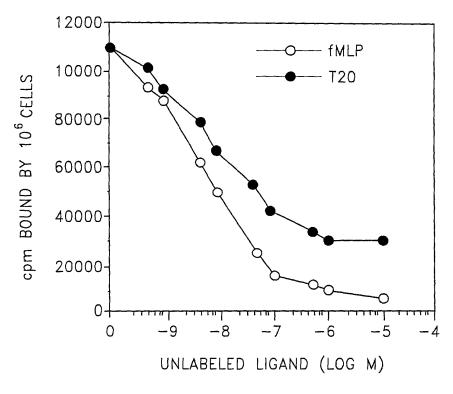


FIG.3F

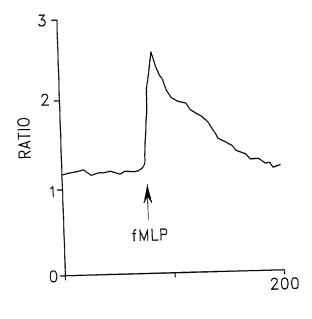


FIG.4A1

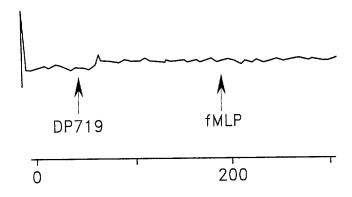


FIG.4A2

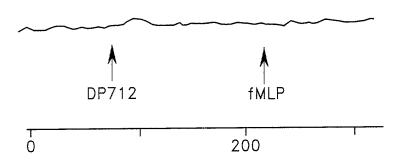


FIG.4A3

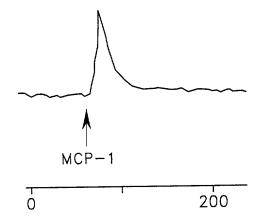


FIG.4A4

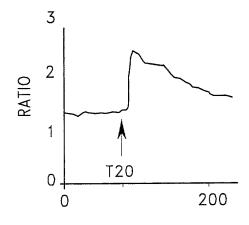


FIG.4A5

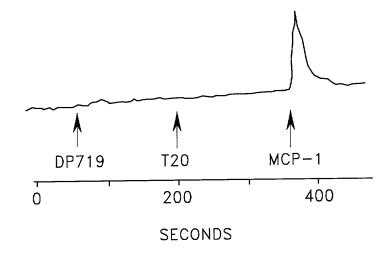


FIG. 4A6

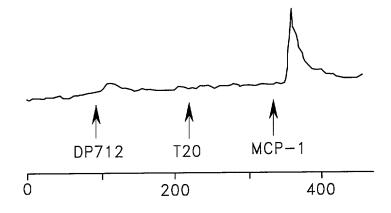


FIG. 4A7

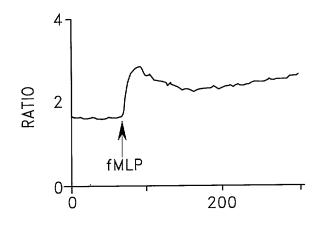


FIG. 4B1

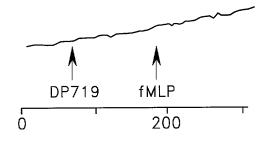


FIG. 4B2

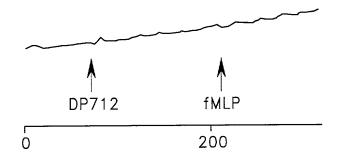
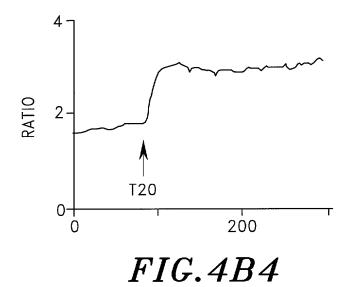
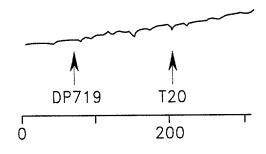


FIG.4B3





Seconds

FIG. 4B5

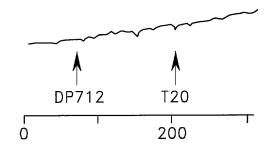


FIG. 4B6

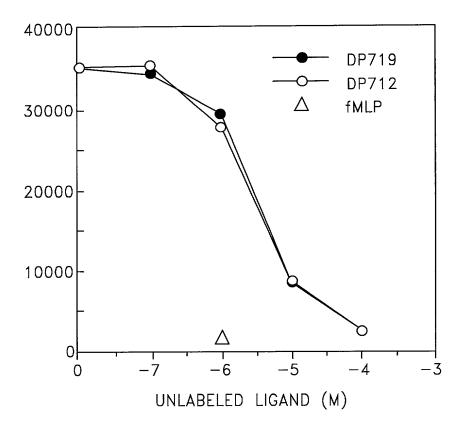


FIG.5A

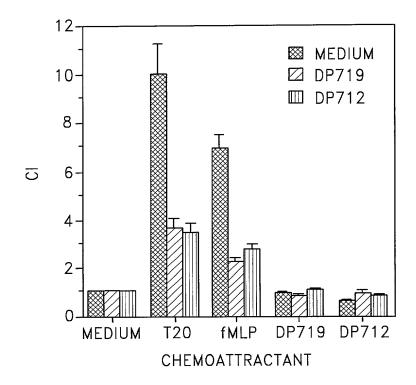


FIG.5B

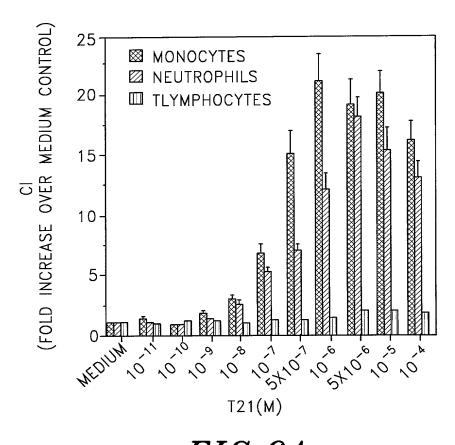


FIG. 6A

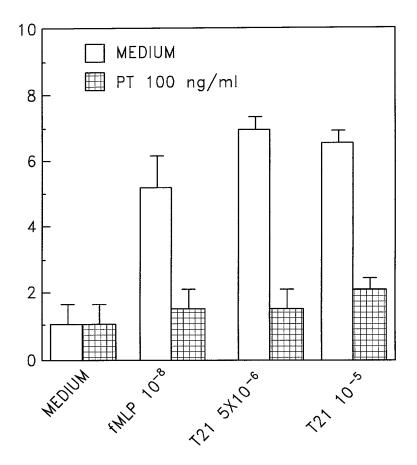


FIG.6B

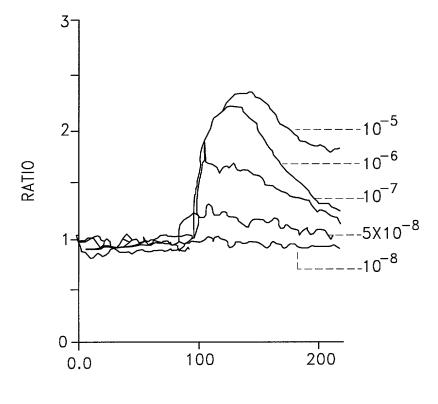


FIG. 7A

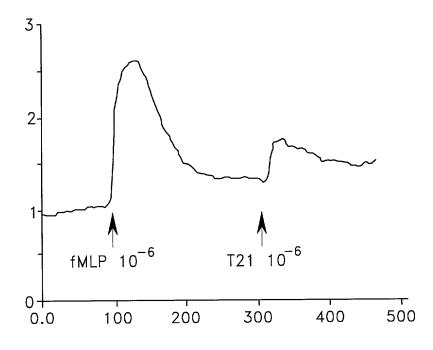


FIG. 7B1

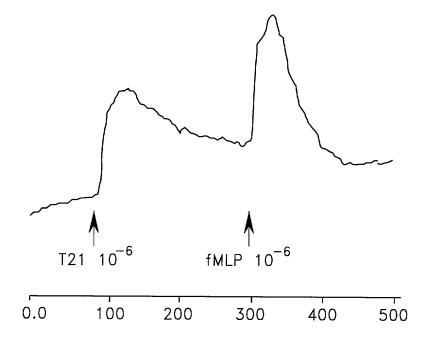


FIG. 7B2

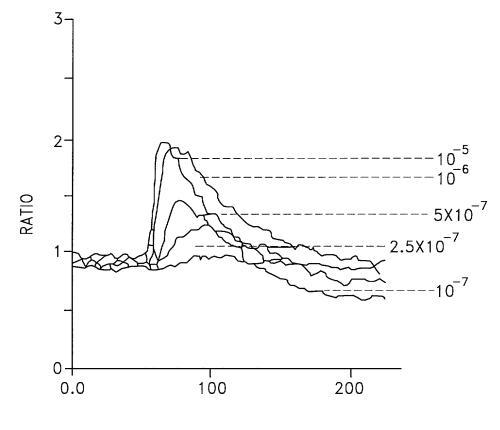


FIG.7C

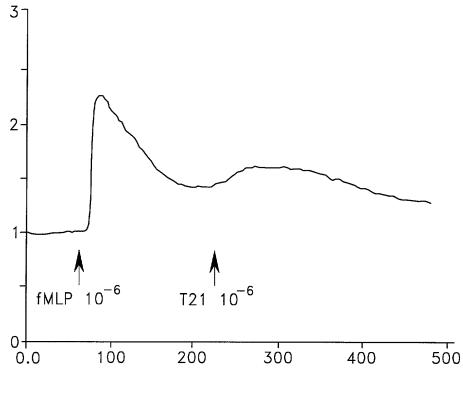


FIG. 7D1

The state of the s

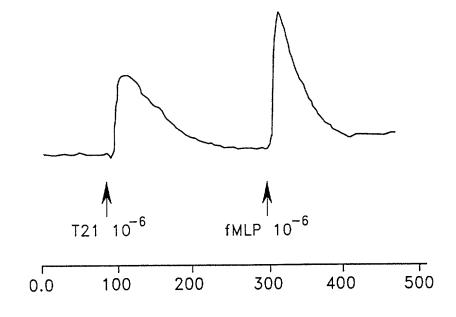


FIG.7D2

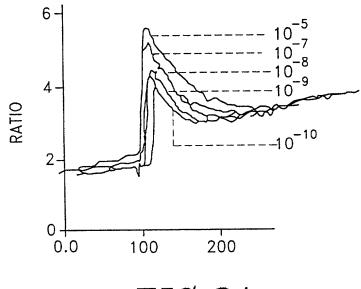


FIG.8A

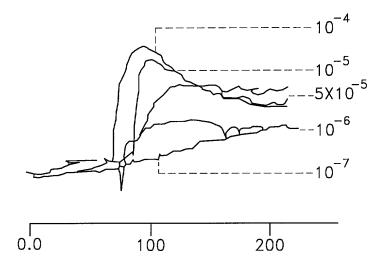


FIG.8B

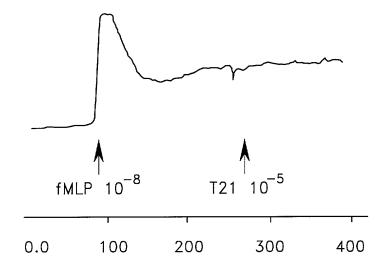


FIG.8C1

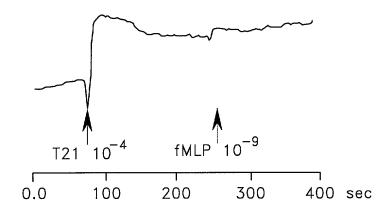


FIG.8C2

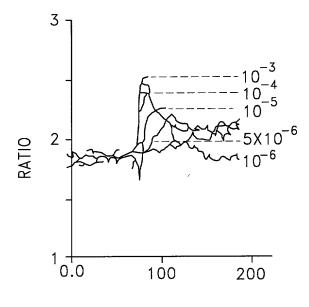


FIG.8D

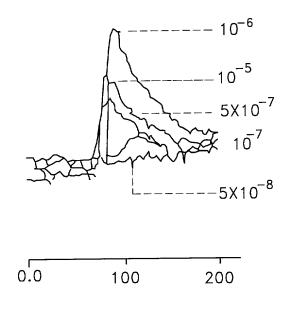


FIG.8E

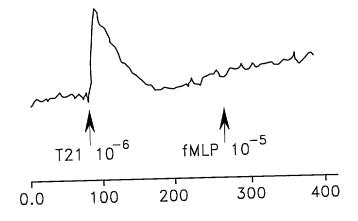


FIG.8F1

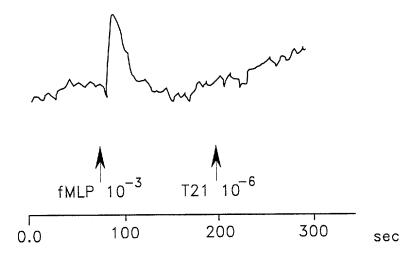


FIG.8F2

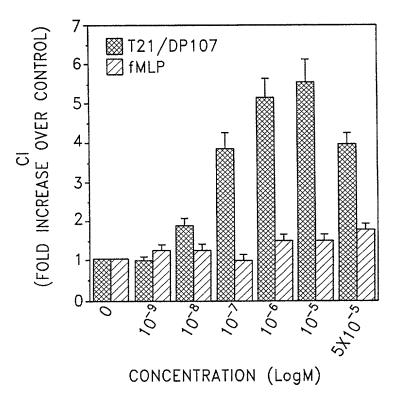
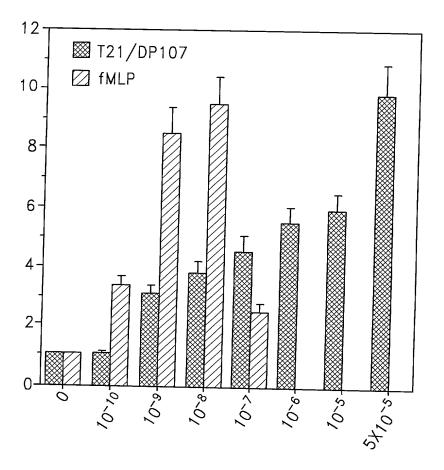


FIG. 9A

3



CONCENTRATION (LogM)

FIG.9B